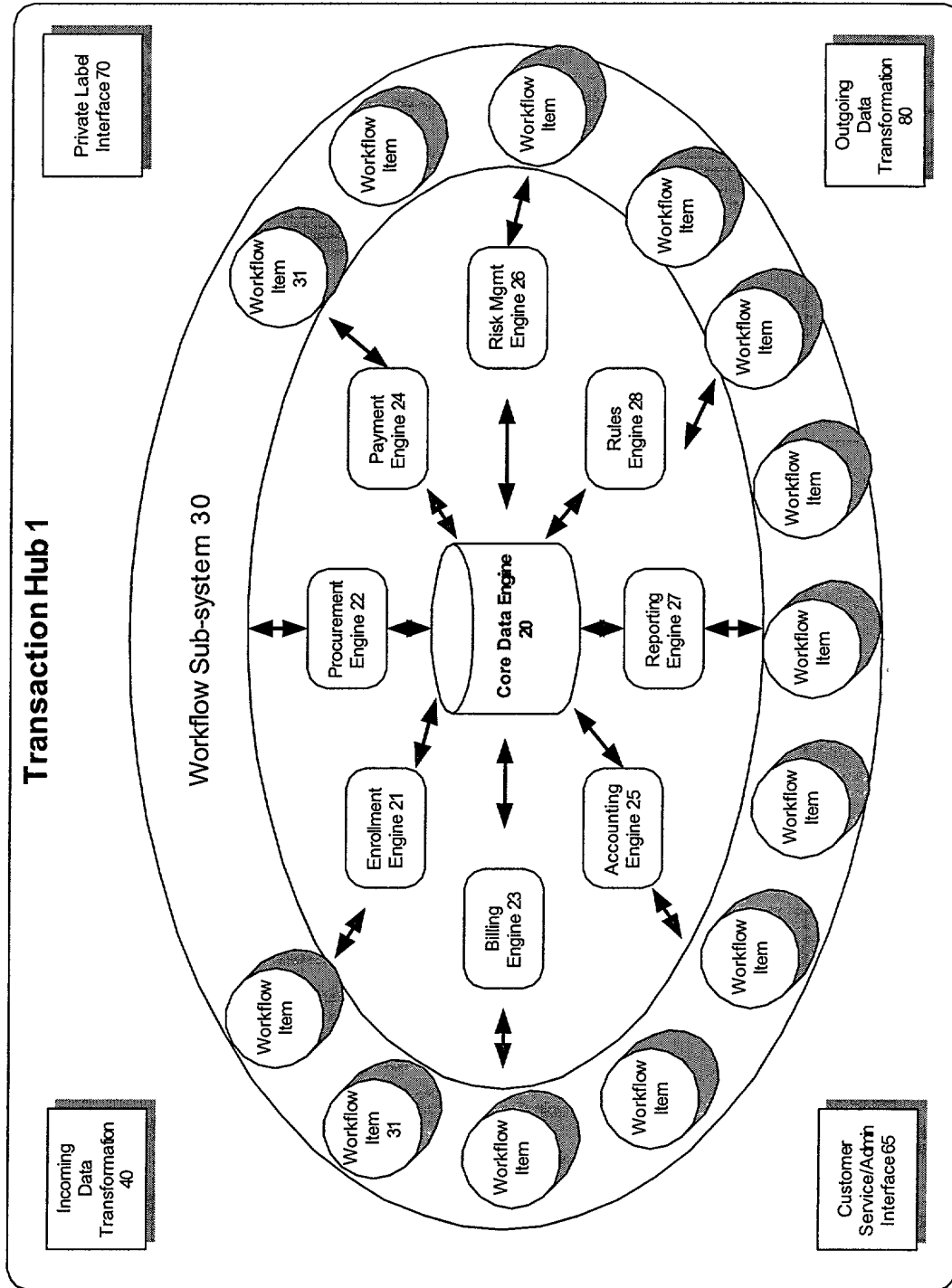
Fig. 1

Fig. 2



Incoming Data Transformation

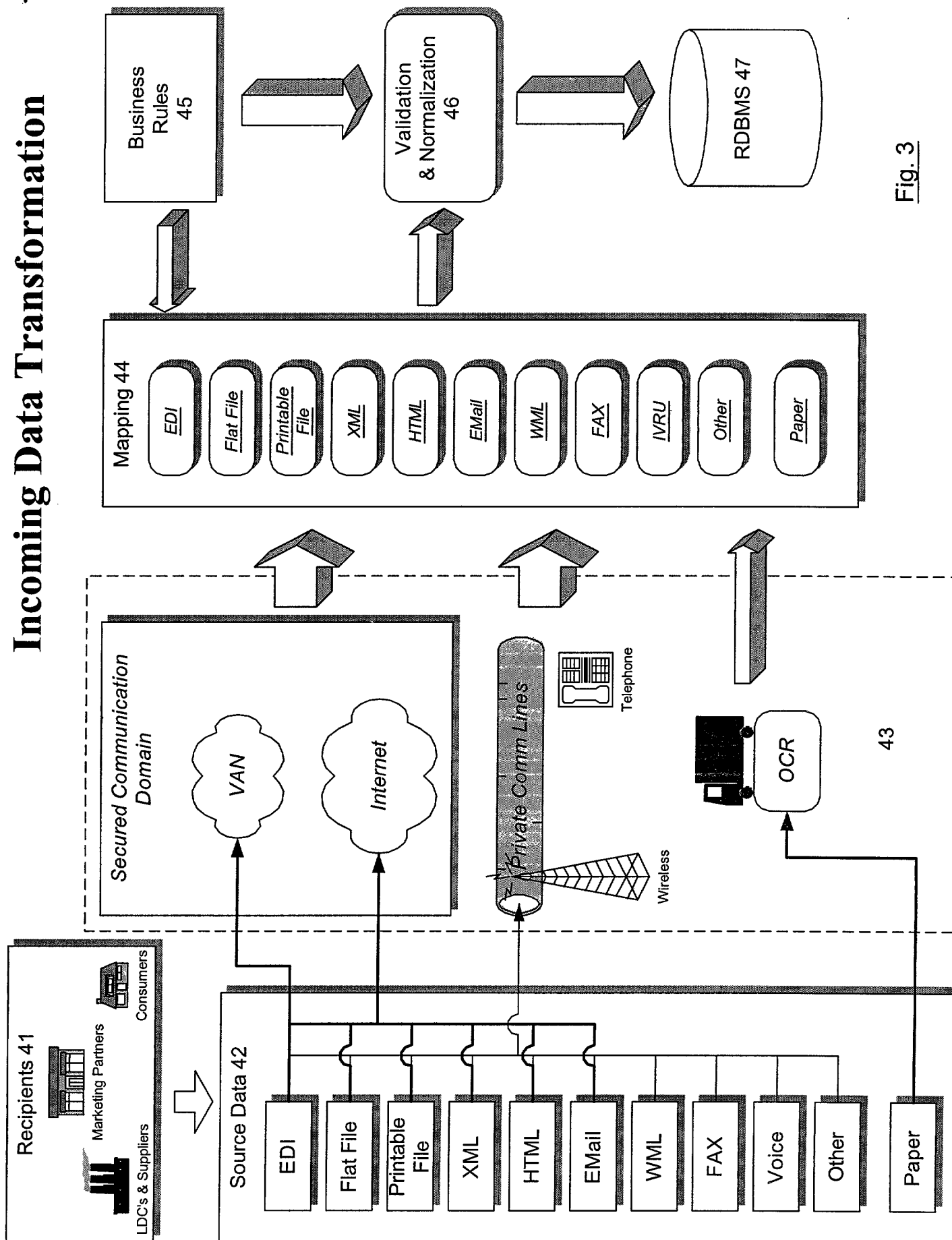
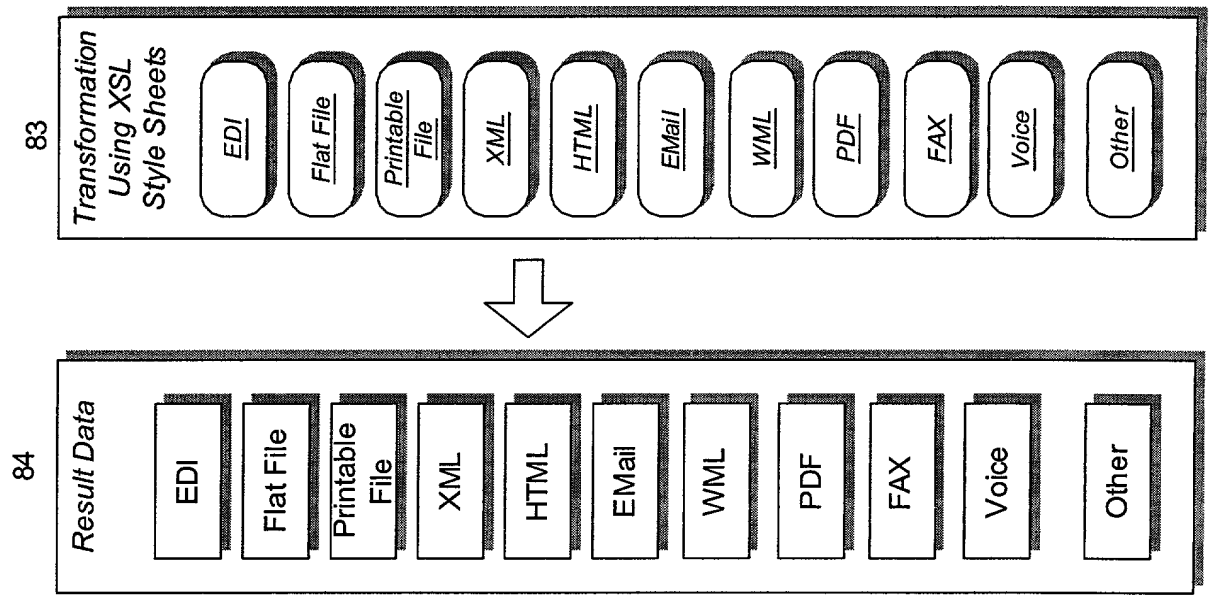
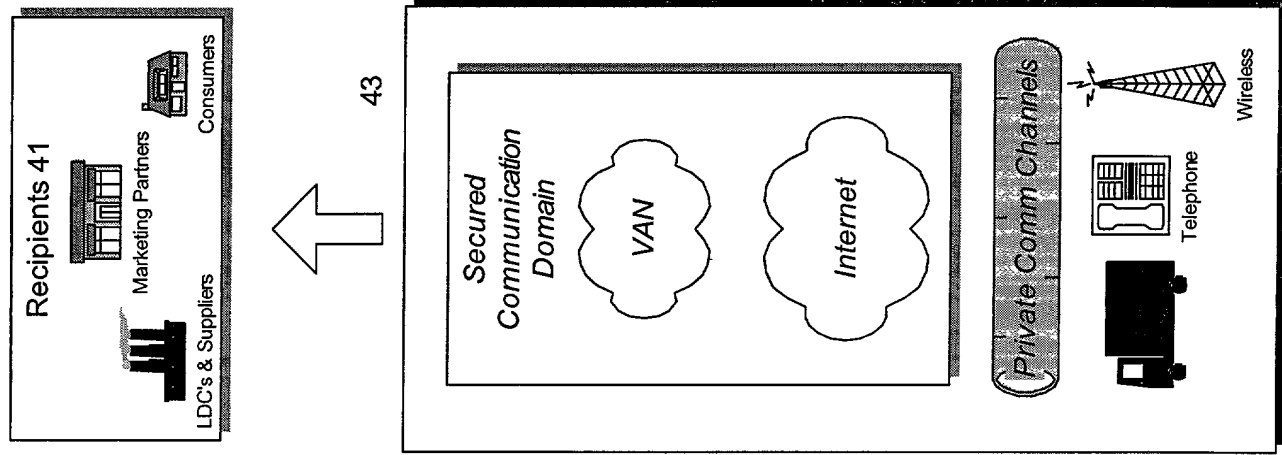


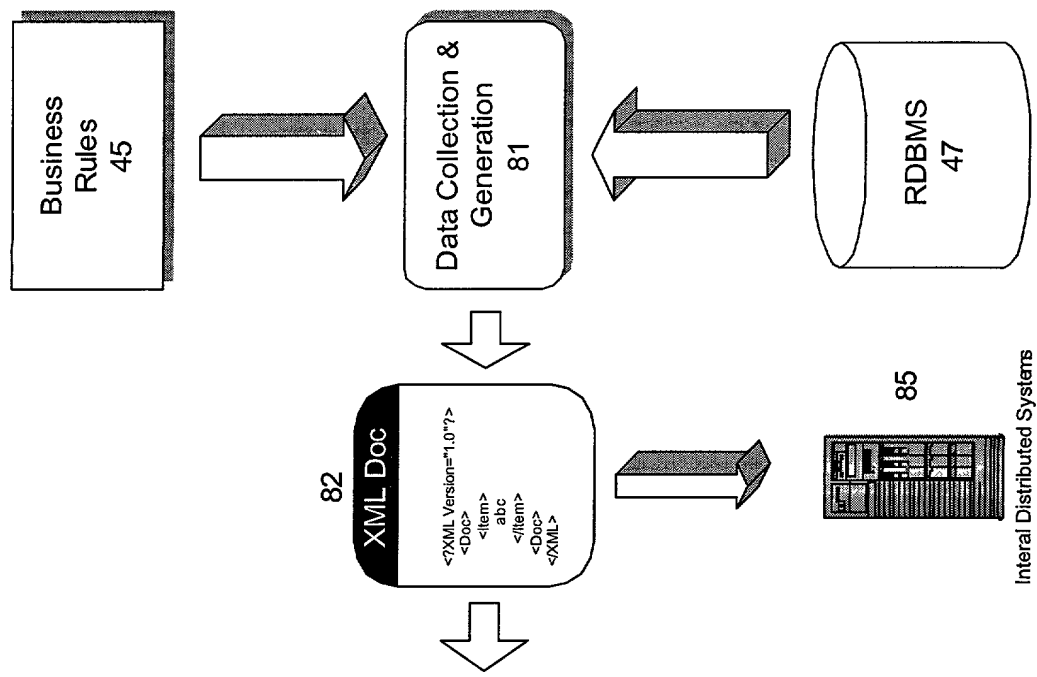
Fig. 3

Outgoing Data Transformation



83

84



85

Internal Distributed Systems

Fig. 4

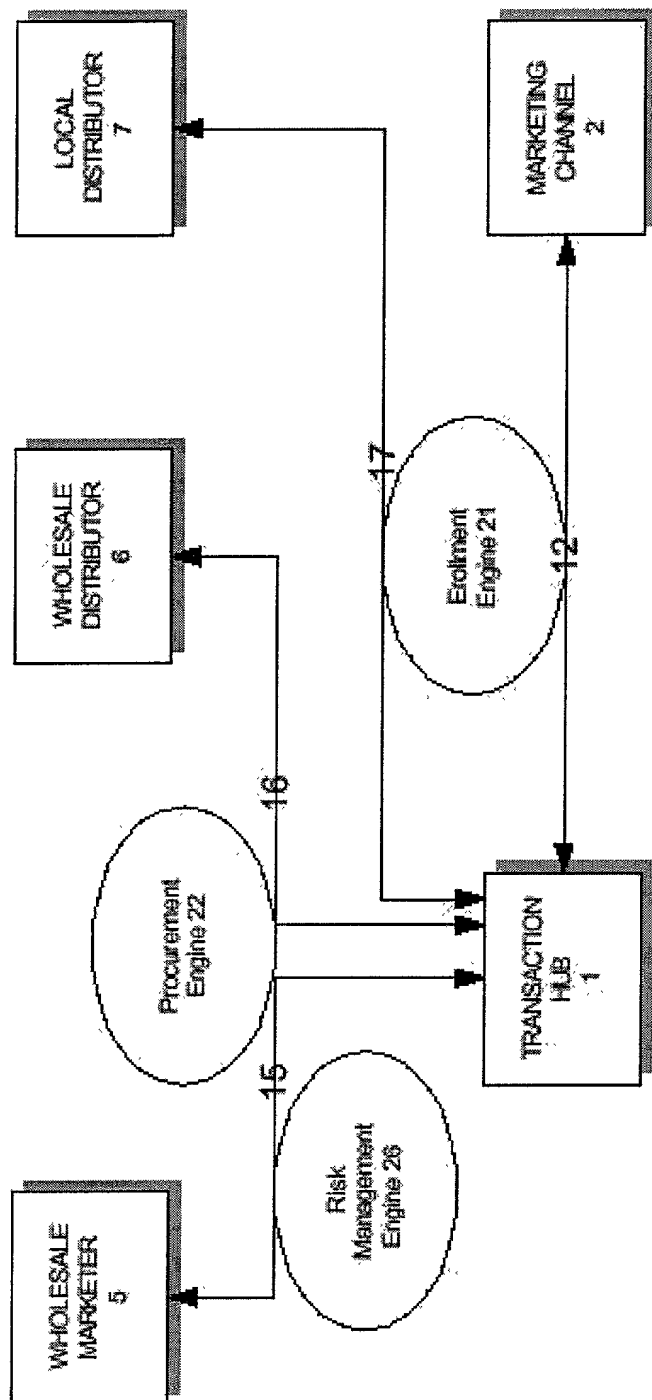


Fig. 5A

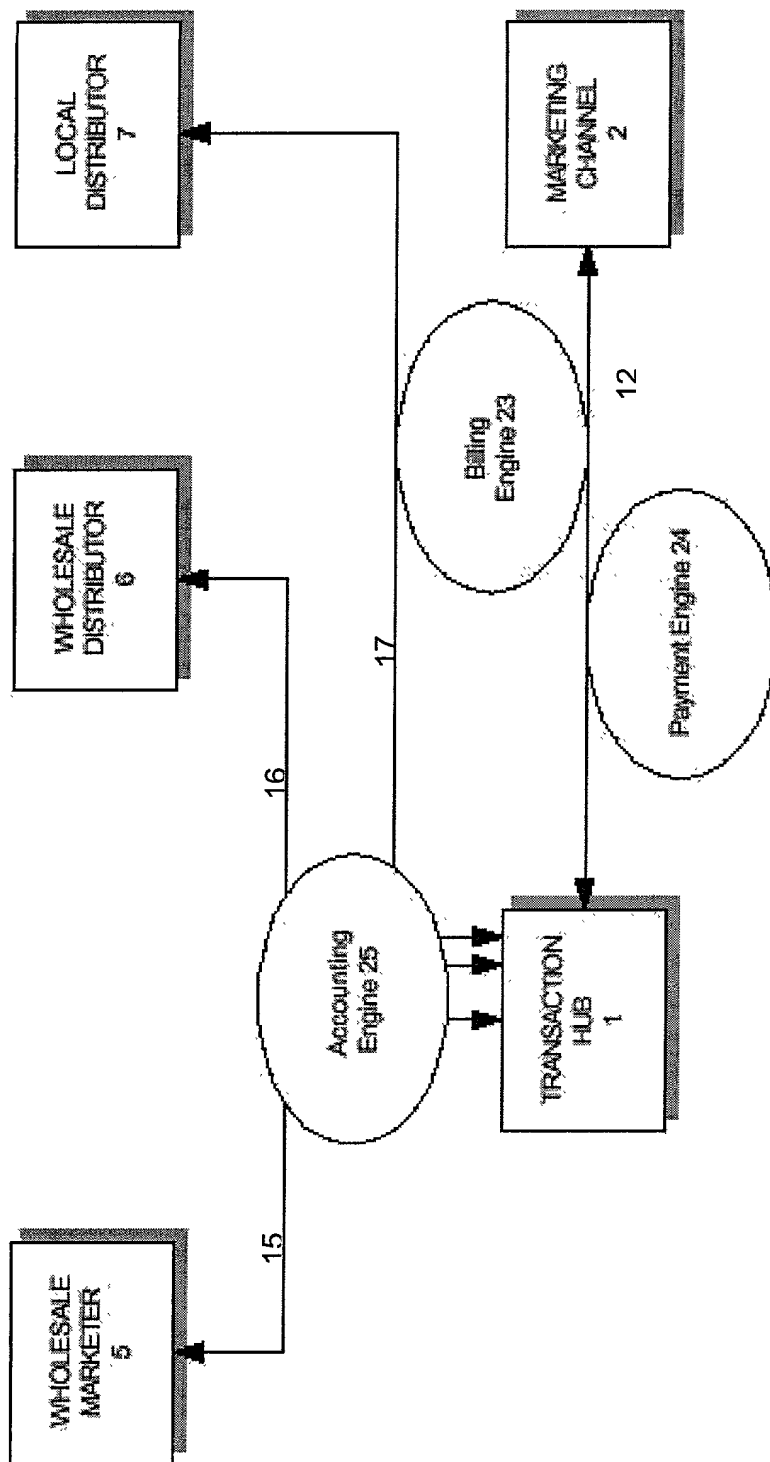


Fig. 5B

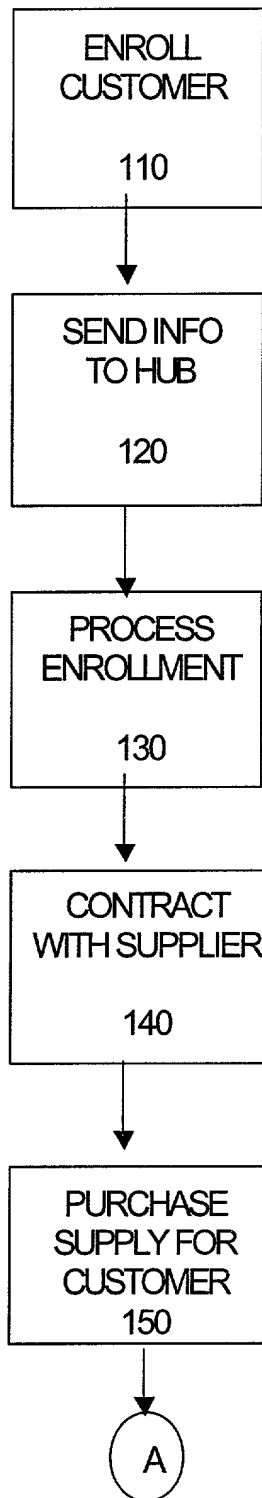


Fig. 6A

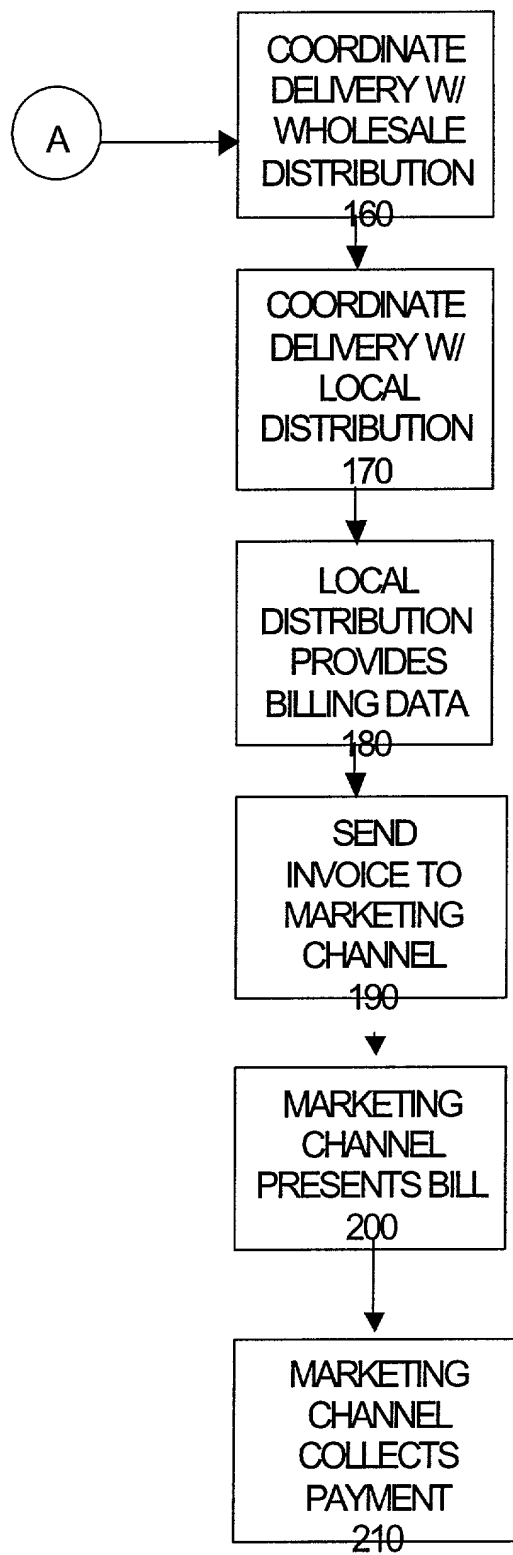


Fig. 6B